Journal of Hepatology, 1991; 13: 386–389
© 1991 Elsevier Science Publishers B.V. All rights reserved. 0168-8278/91/$03.50

Author Index (Vol. 13)

Abelanet, R., see Dubois, N., 227
Ahren, B., see Sjövall, S., 33
Albano, E., see Todros, L., 128
Allemand, I., see Dubois, N., 227
Almasio, P., see Cammà, C., 279
Almasio, P., see Magrin, S., 364
Almasio, P., see Magrin, S., 56
Angelo, P.M., see Cammà, C., 279
Antinori, S., Ridolfo, A., Caredda, F., Esposito, R. and Moroni, M., Prevalence of Delta hepatitis markers among parenteral drug abusers and homosexual men with and without AIDS, 380
Appel, M., see Eisenberg, C., 305
Avgerinos, A., Klonis, C., Rekoumis, G., Gouma, P., Papadimitriou, N. and Raptis, S., A prospective randomized trial comparing somatostatin, balloon tamponade and the combination of both methods in the management of acute variceal haemorrhage, 78

Baccard, M., see Zarski, J.P., 376
Bagnulo, S., see Melegari, M., 187
Baldi, M., see Todros, L., 128
Ballet, F., see Chazouillères, O., 318
Barbara, L., see Bolondi, L., 269
Barbara, L., see Brillanti, S., 347
Battistelli, D., see Deugnier, Y., 286
Bauditz, J., see Hopf, U., 339
Baumgartner, U., see Senn, H.J., 149
Bayerdörffer, E., Lamerz, R., Fliege, R., Köpcke, W. and Mannes, G.A., Predictive value of serum procollagen-III-peptide for the survival of patients with cirrhosis, 298
Bechstein, W.-O., see Hopf, U., 339
Becker, U., Gluud, C., Farholt, S., Bennett, P., Micic, S., Svenstrup, B. and Hardt, F., Menopausal age and sex hormones in postmenopausal women with alcoholic and non-alcoholic liver disease, 25
Benages, R., see Del-Val, A., 375
Bendtsen, F., Hendriksen, J.H. and Sorensen, T.I.A., Propranolol and haemodynamic response in cirrhosis, 144
Bengmark, S., see Sjövall, S., 33
Bennett, P., see Becker, U., 25
Bennoun, M., see Dubois, N., 227
Berdeaux, A., see Moreau, R., 351
Berris, B. and Feinman, S.V., Anti-HCV in post transfusion hepatitis: deductions from a prospective study, 383
Beuers, U., Fischer, S., Spengler, U. and Paumgartner, G., Formation of iso-ursodeoxycholic acid during administration of ursodeoxycholic acid in man, 97
Bilzer, M. and Lauterburg, B.H., Effect of hypochlorous acid and chloramines on vascular resistance, cell integrity, and biliary glutathione disulfide in the perfused rat liver: modulation by glutathione, 84
Bingen, A., see Martin, J.-P., 61
Bizzarri, G., see Papini, E., 291
Blaner, W.S., see Seifert, W.F., 249
Blomhoff, J.P., see Hagve, T.-A., 104
Blumhardt, G., see Hopf, U., 339
Bode, C., see Bode, J.C., 137
Bode, J.C., Bode, C. and Falk, H., The 25th meeting of the European Association for the Study of the Liver. A brief review of the history of the society, 137
Bolondi, L., Gaiani, S. and Barbara, L., Accuracy and reproducibility of portal flow measurement by Doppler US, 269
Bonino, F., Brunetto, M.R., Negro, F., Smedile, A. and Ponzetto, A., Hepatitis Delta virus, a model of liver cell pathology, 260
Bonnefis, M.T., see Chazouillères, O., 318
Bosch, J., see Ruiz del Arbol, L., 179
Bosma, A., Seifert, W.F., Wilson, J.H.P., Roholl, P.J.M., Brouwer, A. and Knook, D.L., Chronic administration of ethanol with high vitamin A supplementation in a liquid diet to rats does not cause liver fibrosis. 1. Morphological observations, 240
Bosma, A., see Seifert, W.F., 249
Bourel, M., see Deugnier, Y., 286
Brahm, J., Fagan, E.A., Budkowska, A., Dubreuil, P., Smith, H., Pillot, J. and Williams, R., Prognostic significance of pre-S2 antigen and antibody in fulminant hepatitis B. Evidence for heterogeneous serological responses, 49
Braillon, A., see Gaudin, C., 161
Bramley, P.N., Rathbone, B.J., Forbes, M.A., Cooper, E.H. and Losowsky, M.S., Serum hyaluronate as a marker of hepatic derangement in acute liver damage, 8
Brechot, C., see Cariani, E., 220
Brenard, R., see Moreau, R., 351
Briand, P., see Cariani, E., 220
Briand, P., see Dubois, N., 227
Brillanti, S., Masci, C., Siringo, S., Di Febo, G., Miglioli, M. and Barbara, L., Serological and histological aspects of hepatitis C virus infection in alcoholic patients, 347
Brissot, P., see Deugnier, Y., 286
Brouwer, A., see Bosma, A., 240
Brouwer, A., see Seifert, W.F., 249
Brunetto, M.R., see Bonino, F., 260
Budkowska, A., see Brahm, J., 49
Burroughs, A.K., Somatostatin and octreotide for variceal bleeding, 1
Buscher, H.P., Schramm, U., MacNelly, S., Kurz, G. and Gerok, W., The acinar location of the sodium-independent and the sodium-dependent component of taurocholate uptake. A histoautoradiographic study of rat liver, 169
Busscher, H.P., see Schmidt, R., 208
Böker, K., see Müller, R., 90

Cailmail, S., see Lin, H.C., 213
Cammà, C., Garofalo, G., Almasio, P., Tinè, F., Craxi, A., Palazzo, U., Pinzello, G.B., Fiorello, F., Angelo, P.M. and Pagliaro, L., A performance evaluation of the expert system 'Jaundice' in comparison with that of three hepatologists, 279
Caredda, F., see Antinori, S., 380
Cariani, E., Dubois, N., Lasserre, C., Briand, P. and Brechot, C., Insulin-like growth factor II (IGF-II) mRNA expression during hepatocarcinogenesis in transgenic mice, 220
Carneiro de Moura, M., see Monjardino, J., 44
Chan, C.-Y., Lee, S.-D., Wu, J.-C., Lin, H.-C., Huang, Y.-S., Lo, G.-H., Lee, F.-Y., Tsai, Y.-T. and Lo, K.-J., The diagnostic value of the assay of des-γ-carboxy prothrombin in the detection of small hepatocellular carcinoma, 21
Chazouillères, O., Ballet, F., Legendre, C., Bonnefis, M.T., Rey, C., Chrétien, Y. and Poupon, R., Effect of bile acids on ischemia-reperfusion liver injury, 318
Chen, D.-S., see Wang, T.-H., 38
Choo, Q.-L., see Magrin, S., 364
Christophersen, B., see Hagve, T.-A., 104
Chrétien, Y., see Chazouillères, O., 318
Cooper, E.H., see Bramley, P.N., 8
Craxi, A., see Cammà, C., 279
Craxi, A., see Magrin, S., 364
Craxi, A., see Magrin, S., 56
Craxi, A., see Tine, F., 192

Dardelet, D., see Zarski, J.P., 376
Das Gupta, J., see Guha Mazumdar, D.N., 376
Daudet-Monsac, M., see Dubois, N., 227
De Hooge, P., see De Vries, P.J., 358
Deinhardt, F., see Dittmann, S., 323
Del-Val, A., Garrigues, V., Ponce, J. and Benages, R., Glibenclamide-induced cholestasis, 375
De Palma, M., see Villa, E., 256
Deugnier, Y., Battistelli, D., Jouanolle, H., Guyader, D., Gueguen, M., Loréal, O., Jacquelinet, C., Bourel, M. and Brissot, P., Hepatitis B virus infection markers in genetic haemochromatosis. A study of 272 patients, 286
De Vries, J.J., see Dijkstra, M., 112
De Vries, P.J., Van Hattum, J., Hoekstra,

J.B.L. and De Hooge, P., Duplex Doppler measurements of portal venous flow in normal subjects. Inter- and intra-observer variability, 358
Di Febo, G., see Brillanti, S., 347
Dick, R., see Gillams, A., 149
Dijkstra, M., Kuipers, F., Smith E.P., de Vries, J.J., Havinga, R. and Vonk, R.J., Biliary secretion of trace elements and minerals in the rat. Effect of bile flow variation and diurnal rhythms, 112
Dittmann, S., Roggendorf, M., Dürkop, J., Wiese, M., Lorbeer, B. and Deinhardt, F., Long-term persistence of hepatitis C virus antibodies in a single source outbreak, 323
Dobbs, N., see Johnson, P.J., 120
Dubois, N., Bennoun, M., Allemand, I., Molina, T., Grimber, G., Daudet-Monsac, M., Abelanet, R. and Briand, P., Time-course development of differentiated hepatocarcinoma and lung metastasis in transgenic mice, 227
Dubois, N., see Cariani, E., 220
Dubreuil, P., see Brahm, J., 49
Durand, G., see Eisenberg, C., 305
Durazzo, M., see Todros, L., 128
Dürkop, J., see Dittmann, S., 323
D'Urso, N., see Todros, L., 128

Eichenlaub, D., see Jung, M.-C., 310
Eisenberg, C., Seta, N., Appel, M., Feldmann, G., Durand, G. and Feger, J., Asialoglycoprotein receptor in human isolated hepatocytes from normal liver and its apparent increase in liver with histological alterations, 305
Eisenburg, J., see Jung, M.-C., 310
Elgjo, K., see hagve, T.-A., 104
Esposito, R., see Antinori, S., 380

Fabbrini, R., see Papini, E., 291
Fabiano, C., see Magrin, S., 364
Fabiano, C., see Magrin, S., 56
Fagan, E.A., see Brahm, J., 49
Falk, H., see Bode, J.C., 137
Farholt, S., see Becker, U., 25
Farle, M., see Müller, R., 90
Feger, J., see Eisenberg, C., 305
Feinman, S.V., see Berris, B., 383
Feldmann, G., see Eisenberg, C., 305
Ferretti, I., see Villa, E., 256
Feu, F., see Ruiz del Arbol, L., 179
Fiorello, F., see Cammà, C., 279
Fiorentino, G., see Magrin, S., 364
Fiorentino, G., see Magrin, S., 56
Fischer, S., see Beuers, U., 97
Fitzke, E., see Senn, H.J., 149
Fliege, R., see Bayerdörffer, E., 298
Forbes, M.A.., see Bramley, P.N., 8
Fratti, N., see Villa, E., 256

Gaiani, S., see Bolondi, L., 269
Garcia-Pagán, J.C., see Ruiz del Arbol, L., 179
Garcia-Pardo, L.A., see Tuñon, M.J., 71
Garofalo, G., see Cammà, C.,279
Garrigues, V., see Del-Val, A., 375
Gatta, A., see Merkel, C., 378
Gaudin, C., Braillon, A., Pool, J.L., Moreau, R., Hadengue, A. and Lebrec, D., Regional sympathetic activity, severity of liver disease and hemodynamics in patients with cirrhosis, 161
Gaudin, C., see Moreau, R., 351
Geiser, T., see Senn, H.J., 149
Gerok, W., see Buscher, H.P., 169
Gerok, W., see Senn, H.J., 149
Gillams, A., Dick, R., Platts, A., Irving, D. and Hobbs, K., Dilatation of the inferior vena cava using an expandable metal stent in Budd-Chiari syndrome, 149
Gimson, A.E.S., Westaby, D. and Williams, R., Endoscopic sclerotherapy in the management of gastric variceal haemorrhage, 274
Gjone, E., see Hagve, T.-A., 104
Gluud, C., see Becker, U., 25
Gonzalez, J., see Tuñon, M.J., 71
Gonzalez, P., see Tuñon, M.J., 71
Gouma, P., see Avgerinos, A., 78
Grimber, G., see Dubois, N., 227
Guha Mazumdar, D.N. and Das Gupta, J., Arsenic and non-cirrhotic portal hypertension, 376
Gubernatis, G., see Müller, R., 90
Gueguen, M., see Deugnier, Y., 286
Gut, J.-P., see Martin, J.-P., 61
Guyader, D., see Deugnier, Y., 286

Hadengue, A., see Gaudin, C., 161
Hagve, T.-A., Myrseth, L.-E., Schrumpf, E., Blomhoff, J.P., Christophersen, B., Elgjo, K., Gjone, E. and Prydz, H., Liver steatosis in hypobetalipoproteinemia. A case report, 104
Hahn, E.G., see Hayasaka, A., 328
Han, J., see Magrin, S., 364
Hansson, P., see Sjövall, S., 33
Hardt, F., see Becker, U., 25
Harper, P., see Johnson, P.J., 120
Havinga, R., see Dijkstra, M., 112
Hayasaka, A., Koch, J., Schuppman, D., Maddrey, W.C. and Hahn, E.G., The serum concentrations of the aminoterminal propeptide of procollagen type III and the hepatic content of mRNA for the α1 chain of procollagen type III carbon tetrachloride-induced rat liver fibrogenesis, 328
Hendriks, H.F.J., see Seifert, W.F., 249
Hendriksen, J.H., see Bendtsen, F., 144
Hobbs, K., see Gillams, A., 149
Hoekstra, J.B.L., see De Vries, P.J., 358
Hoffmann, R., see Jung, M.-C., 310
Holecek, M., Simek, J., Palicka, V. and Zadak, Z., Effect of glucose and branched chain amino acid (BCAA) infusion on onset of liver regeneration and plasma amino acid pattern in partially hepatectomized rats, 14
Hopf, U., Neuhaus, P., Lobeck, H., König, V., Küther, S., Bauditz, J., Bechstein, W.-O., Blumhardt, G., Steffen, R., Neuhaus, R. and Huhn, D., Follow-up of recurrent hepatitis B and delta infection in liver allograft recipients after treatment with recombinant interferon-α, 339
Houghton, M., see Magrin, S., 364
Huang, Y.-S., see Chan, C.-Y., 21
Huhn,, D., see Hopf, U., 339
Huraux, J.M., see Zarski, J.P., 376

Irving, D., see Gillams, A., 149
Ishida, N., Nakata, K., Tanaka, M. and Mita, S., The protective effects of SA3443, a novel cyclic disulfide, on chronic liver injuries in rats, 200

Jacquelinet, C., see Deugnier, Y., 286
Johnson, P.J., Kalayci, C., Dobbs, N., Raby, N., Metivier, E.M., Summers, L., Harper, P. and Williams, R., Pharmacokinetics and toxicity of intraarterial Adriamycin for hepatocellular carcinoma. Effect of coadministration of lipiodol, 120
Jouanolle, H., see Deugnier, Y., 286
Jung, M.-C., Spengler, U., Schraut, W., Hoffmann, R., Zachoval, R., Eisenburg, J., Eichenlaub, D., Riethmüller, G., Paumgartner, G., Ziegler-Heitbrock, H.W.L., Will, H. and Pape, G.R., Hepatitis B virus antigen-specific T-cell activation in patients with acute and chronic hepatitis B, 310
Jung, M.-C., see Santantonio, T., 368
Jung, M.C., see Melegari, M., 187

Kalayci, C., see Johnson, P.J., 120
Kimura, H., see Shibata, M., 379
Kirn, A., see Martin, J.-P., 61
Klein, H., see Müller, R., 90
Klonis, C., see Avgerinos, A., 78
Knook, D.L., see Bosma, A., 240
Knook, D.L., see Seifert, W.F., 249
Koch, J., see Hayasaka, A., 328
Koehren, F., see Martin, J.-P., 61
Kudo, T., see Shibata, M., 379
Kuipers, F., see Dijkstra, M., 112
Kuo, G., see Magrin, S., 364
Kurz, G., see Buscher, H.P., 169
Kuzushima, K., see Shibata, M., 379
König, V., see Hopf, U., 339
Köpcke, W., see Bayerdörffer, E., 298
Küther, S., see Hopf, U., 339

Lamerz, R., see Bayerdörffer, E., 298
Lasserre, C., see Cariani, E., 220
Lauterburg, B.H., see Bilzer, M., 84
Lautz, H.-U., see Müller, R., 90
Lebrec, D., see Gaudin, C., 161
Lebrec, D., see Lin, H.C., 213
Lebrec, D., see Moreau, R., 351
Lee, F.-Y., see Chan, C.-Y., 21
Lee, S.D., see Chan, C.-Y., 21
Legendre, C., see Chazouillères, O., 318
Lin, H.-C., see Chan, C.-Y., 21
Lin, H.C., Soubrane, O., Cailmail, S. and Lebrec, D., Early chronic administration of propranolol reduces the severity of portal hypertension and portal-sys-

temic shunts in conscious portal vein stenosed rats, 213
Lin, J.-T., see Wang, T.-H., 38
Lo, G.-H., see Chan, C.-Y., 21
Lo, K.-J., see Chan, C.-Y., 21
Lobeck, H., see Hopf, U., 339
Loft, S., see Sjövall, S., 33
Lorbeer, B., see Dittmann, S., 323
Loréal, O., see Deugnier, Y., 286
Losowsky, M.S., see Bramley, P.N., 8
Luchena, N., see Melegari, M., 187
Lunel, F., see Zarski, J.P., 376

MacNelly, S., see Buscher, H.P., 169
Maddrey, W.C., see Hayasaka, A., 328
Magrin, S., Craxi, A., Fabiano, C., Fiorentino, G., Almasio, P., Palazzo, U., Pinzello, G., Provenzano, G., Pagliaro, L., Choo, Q.-L., Kuo, G., Polito, A., Han, J. and Houghton, M., Hepatitis C virus replication in 'autoimmune' chronic hepatitis, 364
Magrin, S., Craxi, A., Fiorentino, G., Fabiano, C., Provenzano, G., Pinzello, G.B., Palazzo, U., Almasio, P. and Pagliaro, L., Is autoimmune chronic active hepatitis a HCV-related disease?, 56
Magrin, S., see Tine, F., 192
Manenti, F., see Villa, E., 256
Mannes, G.A., see Bayerdörffer, E., 298
Martin, J.-P., Bingen, A., Koehren, F., Gut, J.-P. and Kirn, A., Altered pathogenicity in the liver induced by a mouse hepatitis virus type 3 thermosensitive mutant, 61
Martini, G.A., Foundation and development of EASL, 135
Masci, C., see Brillanti, S., 347
Melegari, M., Jung, M.C., Schneider, R., Santantonio, T., Bagnulo, S., Luchena, N., Pastore, G., Pape, G., Scaglioni, P.P., Villa, E. and Will, H., Conserved core protein sequences in hepatitis B virus infected patients without anti-HBc, 187
Melegari, M., see Villa, E., 256
Merkel, C. and Gatta, A., Can we predict the first variceal bleeding in the individual patient with cirrhosis and esophageal varices? 378
Metivier, E.M., see Johnson, P.J., 120
Micic, S., see Becker, U., 25
Miglioli, M., see Brillanti, S., 347
Mita, S., see Ishida, N., 200
Molina, T., see Dubois, N., 227
Monjardino, J., Velosa, J., Thomas, H.C. and Carneiro de Moura, M., Serum HBV DNA detected by PCR in dot blot negative HBV chronic carriers with active liver disease, 44
Moreau, R., Pussard, E., Brenard, R., Gaudin, C., Berdeaux, A. and Lebrec, D., Clearance of atrial natriuretic peptide in patients with cirrhosis. Role of liver failure, 351
Moreau, R., see Gaudin, C., 161
Morishima, T., see Shibata, M., 379
Moroni, M., see Antinori, S., 380
Myrseth, L.-E., see Hagve, T.-A., 104
Müller, R., Gubernatis, G., Farle, M., Niehoff, G., Klein, H., Wittekind, C., Tusch, G., Lautz, H.-U., Böker, K., Stangel, W. and Pichlmayr, R., Liver transplantation in HBs antigen (HBsAg) carriers, Prevention of hepatitis B virus (HBV) recurrence by passive immunization, 90

Nagai, Y., see Shibata, M., 379
Nakata, K., see Ishida, N., 200
Nardi, F., see Papini, E., 291
Negro, F., see Bonino, F., 260
Neuhaus, P., see Hopf, U., 339
Neuhaus, R., see Hopf, U., 339
Niehoff, G., see Müller, R., 90

Pacella, C.M., see Papini, E., 291
Pagliaro, L., see Cammà, C., 279
Pagliaro, L., see Magrin, S., 364
Pagliaro, L., see Magrin, S., 56
Pagliaro, L., see Tine, F., 192
Palazzo, U., see Cammà, C., 279
Palazzo, U., see Magrin, S., 364
Palazzo, U., see Magrin, S., 56
Palicka, V., see Holecek, M., 14
Papadimitriou, N., see Avgerinos, A., 78
Pape, G., see Melegari, M., 187
Pape, G.R., see Jung, M.-C., 310
Pape, G.R., see Santantonio, T., 368
Papini, E., Pacella, C.M., Rossi, Z., Bizzarri, G., Fabbrini, R., Nardi, F. and Picardi, R., A randomized trial of ultrasound-guided anterior subcostal liver biopsy versus the conventional Menghini technique, 291
Pastore, G., see Melegari, M., 187
Pastore, G., see Santantonio, T., 368
Paumgartner, G., see Beuers, U., 97
Paumgartner, G., see Jung, M.-C., 310
Perrin, M., see Zarski, J.P., 376
Picardi, R., see Papini, E., 291
Pichlmayr, R., see Müller, R., 90
Pilar Pizcueta, M., see Ruiz del Arbol, L., 179
Pillot, J., see Brahm, J., 49
Pinzello, G., see Magrin, S., 364
Pinzello, G.B., see Cammà, C., 279
Pinzello, G.B., see Magrin, S., 56
Platts, A., see Gillams, A., 149
Poli, G., see Todros, L., 128
Polito, A., see Magrin, S., 364
Ponce, J., see Del-Val, A., 375
Ponzetto, A., see Bonino, F., 260
Poo, J.L., see Gaudin, C., 161
Poulsen, H.E., see Sjövall, S., 33
Poupon, R., see Chazouillères, O., 318
Provenzano, G., see Magrin, S., 364
Provenzano, G., see Magrin, S., 56
Prydz, H., see Hagve, T.-A., 104
Pussard, E., see Moreau, R., 351

Raby, N., see Johnson, P.J., 120
Raptis, S., see Avgerinos, A., 78
Rathbone, B.J., see Bramley, P.N., 8
Recchia, S., see Rizzetto, M., 5
Reichen, J., see Renner, E.L., 140
Rekoumis, G., see Avgerinos, A., 78
Renner, E.L. and Reichen, J., The role of bile salt uptake in canalicular bile formation. Transport systems and acinar heterogeneity, 140
Rey, C., see Chazouillères, O., 318
Ridolfo, A., see Antinori, S., 380
Riethmüller, G., see Jung, M.-C., 310
Rizzetto, M., Recchia, S. and Salizzoni, M., Liver transplantation in carriers of the HBsAg, 5
Rizzetto, M., see Todros, L. 128
Rodés, J., see Ruiz del Arbol, L., 179
Roggendorf, M., see Dittmann, S., 323
Roholl, P.J.M., see Bosma, A., 240
Rossi, Z., see Papini, E., 291
Ruiz del Arbol, L., Garcia-Pagán, J.C., Feu, F., Pilar Pizcueta, M., Bosch, J. and Rodés, J., Effects of molsidomine, a long acting venous dilator, on portal hypertension. A hemodynamic study in patients with cirrhosis, 179

Salizzoni, M., see Rizzetto, M., 5
Santantonio, T., Jung, M.-C., Schneider, R., Pastore, G., Pape, G.R. and Will, H., Selection for a pre-C stop codon mutation in a hepatitis B virus variant with a pre-C initiation codon mutation during interferon treatment, 368
Santantonio, T., see Melegari, M., 187
Scaglioni, P.P., see Melegari, M., 187
Scaglioni, P.P.., see Villa, E., 256
Scheuer, P.J., Classification of chronic viral hepatitis: a need for reassessment, 372
Schmidt, R. and Busscher, H.P., Hepatic uptake of fluorescein, investigated by video fluorescence microscopy and digital image analysis, 208
Schneider, R., see Melegari, M., 187
Schneider, R., see Santantonio, T., 368
Schramm, U., see Buscher, H.P., 169
Schraut, W., see Jung, M.-C., 310
Schrumpf, E., see Hagve, T.-A., 104
Schuppman, D., see Hayasaka, A., 328
Schölmerich, J., see Senn, H.J., 149
Seifert, W.F., see Bosma, A., 240
Seifert, W.F., Bosma, A., Hendriks, H.F.J., Blaner, W.S., van Leeuwen, R.E.W., van Thiel-de Ruiter, G.C.F., Wilson, J.H.P., Knook, D.L. and Brouwer, A., Chronic administration of ethanol with high vitamin A supplementation in a liquid diet to rats does not cause liver fibrosis. 2. Biochemical observations, 249
Seigneurin, J.M., see Zarski, J.P., 376
Senn, H.J., Geiser, T., Fitzke, E., Baumgartner, U., Schölmerich, J. and Gerok, W., Altered biosynthesis of gangliosides in developing biliary cirrhosis in the rat, 149
Seta, N., see Eisenberg, C., 305
Sheu, J.-C., see Wang, T.-H., 38
Shibata, M., Takeda, S., Kudo, T., Kimura, H., Kuzushima, K., Morishima, T. and Nagai, Y., Minus strand RNA of

hepatitis C virus in liver tissues, 379
Simek, J., see Holecek, M., 14
Siringo, S., see Brillanti, S., 347
Sjövall, S., Ahren, B., Hansson, P., Loft, S., Poulsen, H.E. and Bengmark, S., Metabolic responses to intermittent hepatic dearterialization in the rat, 33
Smedile, A., see Bonino, F., 260
Smith, E.P., see Dijkstra, M., 112
Smith, H., see Brahm, J., 49
Sorensen, T.I.A., see Bendtsen, F., 144
Soubrane, O., see Lin, H.C., 213
Spengler, U., see Beuers, U., 97
Spengler, U., see Jung, M.-C., 310
Stangel, W., see Müller, R., 90
Steffen, R., see Hopf, U., 339
Summers, L., see Johnson, P.J., 120
Sung, J.-L., see Wang, T.-H., 38
Svenstrup, B., see Becker, U., 25
Szkaradkiewicz, A., IL-1 production by human monocytes in viral hepatitis type B, 381

Takeda, S., see Shibata, M., 379
Tanaka, M., see Ishida, N., 200
Thelu, M.A., see Zarski, J.P., 385
Thomas, H.C., see Monjardino, J., 44
Tine, F., Magrin, S., Craxi, A. and Pagliaro, L., Interferon for non-A, non-B chronic hepatitis. A meta-analysis of randomised clinical trials, 192
Tinè, F., see Cammà, C., 279
Todros, L., Touscoz, G., d'Urso, N., Durazzo, M., Albano, E., Poli, G., Baldi, M. and Rizzetto, M., Hepatitis C virus-related chronic liver disease with autoantibodies to liver-kidney microsomes (LKM). Clinical characterization from idiopathic LKM-positive disorders, 128
Touscoz, G., see Todros, L., 128
Trande, P., see Villa, E., 256
Tsai, Y.-T., see Chan, C.-Y., 21
Tusch, G., see Müller, R., 90
Tuñon, M.J., Gonzalez, P., Garcia-Pardo, L.A. and Gonzalez, J., Hepatic transport of bilirubin in rats with streptozotocin-induced diabetes, 71

Van Hattum, J., see De Vries, P.J., 358
Van Leeuwen, R.E.W., see Seifert, W.F., 249
Van Thiel-de Ruiter, G.C.F., see Seifert, W.F., 249
Vecchi, J., see Villa, E., 256
Velosa, J., see Monjardino, J., 44
Villa, E., Ferretti, I., De Palma, M., Melegari, M., Scaglioni, P.P., Trande, P., Vecchi, C., Fratti, N. and Manenti, F., HCV RNA in serum of asymptomatic blood donors in post-transfusion hepatitis (PTH), 256
Villa, E., see Melegari, M., 187
Vonk, R.J., see Dijkstra, M., 112

Wang, J.-T., see Wang, T.-H., 38
Wang, T.-H., Wang, J.-T., Lin, J.-T., Sheu, J.-C., Sung, J.-L. and Chen, D.-S., A prospective study of posttransfusion hepatitis in Taiwan, 38
Westaby, D., see Gimson, A.E.S., 274
Wiese, M., see Dittmann, S., 323
Will, H., see Jung, M.-C., 310
Will, H., see Melegari, M.,187
Will, H., see Santantonio, T., 368
Williams, R., see Brahm, J., 49
Williams, R., see Gimson, A.E.S., 274
Williams, R., see Johnson, P.J., 120
Wilson, J.H.P., see Bosma, A., 240
Wilson, J.H.P., see Seifert, W.F., 249
Wittekind, C., see Müller, R., 90
Wu, J.-C.., see Chan, C.-Y., 21

Zachoval, R., see Jung, M.-C., 310
Zadak, Z., see Holecek, M., 14
Zarski, J.P., Lunel, F., Dardelet, D., Thelu, M.A., Baccard, M., Perrin, M., Huraux, J.M. and Seigneurin, J.M., Hepatitis C virus and hepatocellular carcinoma in France: detection of antibodies using two second generation assays, 376
Ziegler-Heitbrock, H.W.L., see Jung, M.-C., 310

Journal of Hepatology, 1991; 13: 390–391
© 1991 Elsevier Science Publishers B.V. All rights reserved. 0168-8278/91/$03.50

Subject Index (Vol. 13)

Acinar location, 168
Active viral replication, 49
Acute lymphatic leukemia, 187
Adriamycin, 120
Alcoholic cirrhosis, 347
Amino acid, 14
β-Adrenergic blockade, 144
Anti-HBc, 286
Anti-HBe chronic carrier, 368
Anti-HBe carrier, 187
Anti-HCV, 128
  –, 56
  –, 38
Anti-pre-S2 antibody, 49
Antigen specific lymphokine release, 310
Antipyrine, 33
Antithrombin III, 227
Antiviral treatment, 192
Apo B-100 deficiency, 104
Apo B-48, 104
Artificial intelligence, 279
Autoimmune hepatitis, type II, 128
Autoimmune hepatitis, 56

Bile, 71
Bile acid, 298
Bile salt transport, 168
Bile flow, 318
Bilirubin, 71
β-Blocker, 213
Blood screening, 256
Branched chain amino acid, 14
Budd-Chiari syndrome, 149

Canalicular, 140
Cardiac output, 213
Carrier protein, 140
CCl_4, 200
Chemotherapy, 187
Chloramine, 84
Chronic active hepatitis, 372
Chronic cholestatic liver disease, 97
Chronic liver disease, 291
  –, 260
Chronic hepatitis, 38
  –, 347
Chronic liver injury, 200
Cirrhosis, 144
Classification, 372
Collateral circulation, 213
Common source infection, 323

Diabetes, 71
Diagnosis, 279
Digital image analysis, 208
DNA, 382
DNA synthesis, 14

Esophagogastric varices, acutely bleeding, 78

Fatty acid, 104
Fluorescein, 208
Fulminant hepatic failure, 49

Galactosyl receptor, 305
Genetic haemochromatosis, 286
Glutathione disulfide, 84
Glycogen, 33

Haemodynamics, 144
HBcAg, 187
HBeAg, 187
HBsAg, 286
HBV, 187
  –, 382
HBV infection, 286
HBV mutant virus, 368
HBV virus, 310
HCV RNA, 256
HCV, 56
  –, 323
Hepatic dearterialization, 33
Hepatic microsomal function, 97
Hepatic transport, 208
Hepatic vein catheterization, 179
Hepatic lipase, 33
Hepatitis, 61
Hepatitis C-virus, 347
  –, 372
Hepatitis B, 339
Hepatitis C, 38
Hepatitis C virus (HCV), 192
Hepatitis Delta, 339
Hepatitis delta virus, 260
Hepatocarcinogenesis, 227
Hepatocellular carcinoma, 120
  –, 286
Hepatoprotection, 200
Heterogeneous serological response, 49
Histoautoradiography, 168
Homogeneity, 192
Human isolated hepatocyte, 305
Hybridisation, 382
β-Hydroxy-butyric acid, 33
Hypochlorous acid, 84
Hypotriglyceridemia, 104

Immune response, 310
Immune tolerance, 187
Immune deficiency, 187
In vitro validation, 358
Interferon therapy, 368
Interferon, 192
Intestinal bacterial flora, 97
Intraarterial chemotherapy, 120
Intrahepatic haematoma, 291
Iron overload, 286
Iso-ursodeoxycholic acid, 97

Jaundice, 279

Large needle biopsy, 291
Lipiodol, 120
Liver, 14
  –, 71
Liver biopsy complication, 291
Liver cirrhosis, 298
Liver disease, 305
Liver fibrosis, 328
Liver transplantation, 339
Liver tumour treatment, 33
Liver-kidney microsome, 128

Meta-analysis, 192
Metastasis, 227
Microscopy, 208
mRNA, 328
Murine coronavirus, 61
Neutrophil, 84
Nitrate, 179
Non-A, non-B hepatitis, 38
  –, 192
Non-Hodgkin disease, 187
Non-radioactive labelling, 382
Number connection test, 298
Nutrition, 14

Organic anion, 140
Oxidant stress, 84
3-Oxo-7β-hydroxy-cholan-24-oic acid, 97

Partial hepatectomy, 14
Pathology, 372
Persistent infection, 61
Plasma catecholamine, 161
Portal pressure, 179
Portal hypertension, 78
  –, 161
Portosystemic shunt, 149
Post-transfusion hepatitis, 256
Pre-S2 antigen, 49
Primary liver cancer, 286
Procollagen type III peptide, 328
Procollagen-III-peptide, 298
Prognostic value, 298
Pulmonary plasma ANP clearance, 351

Quantitative portal flow, 358

Radioactive labelling, 382
Radioactive microsphere, 213
Rat, 33
  –, 328
Rat liver, 168
Rats, 200
Reinfection, 339
Renal plasma ANP clearance, 351
Reproducibility, 358
RIBA-HCV, 56
Ribozyme, 260

SA3443, 200

Secretion, 140
Sengstaken-Blakemore tube, 78
Serological follow-up, 323
Sinusoidal, 140
Sodium dependent, 140
Somatostatin, 78
Splanchnic plasma ANP clearance, 351
Splanchnic blood flow, 213
Steatosis, 61
Streptozotocin, 71
Structural protein, 310
SV40, 227
Swine serum, 200
Sydnomine, 179
Sympathetic nervous system, 161

Thermosensitive mutant, 61
Transgenic mice, 227
Transplantation, 318

Ultrasound scan, 291
Ursodeoxycholic acid, 97
–, 318

Variance component, 358
Vascular stent, 149
Vasodilator, 179
Video fluorescence, 208
Viral hepatitis, 187
–, 260
–, 372